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Product Name :

Pulveriser

Product Code :

SLE/AG/14



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Description :

Pulveriser (Product Code: SLE/AG/14) is a self-contained disc grinder used to turn smallcrushed pieces of rock, ore and similar hard material into fine powder for analysis in geology,mining and soil laboratories. Its rotating disc with planetary movement works against a 175 mmhigh carbon steel wheel, reducing about 450 g of quartz type material to 100 mesh in one minute.It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer and labequipment exporter, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Type	Self-contained grinder with a rotating disc having planetary movement in the vertical plane
Grinding wheel diameter	175 mm
Grinding wheel material	High carbon steel, 53–60 HRC hardness
Input of material	6 mm
Output	Reduces about 450 g of quartz type material to 100 mesh in one minute
Electrical supply	440 V, three phase, A.C.
Product code	SLE/AG/14
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Laboratory Pulveriser Used For?

Material is first crushed to meet the 6 mm input size, usually in a jaw crusher, and then divided to the quantity required. The portion is fed into the pulveriser, where the planetary action of the disc grinds it between hardened steel surfaces until it reaches the fineness needed for analysis. With quartz type material the machine reaches 100 mesh in about a minute for a 450 g charge; softer or harder materials behave differently, so check fineness with a sieve the first time a new material is prepared.

In busy sample preparation rooms, good upkeep of laboratory instruments in India starts with cleaning: brush out the grinding chamber and wipe the wheel between samples so no powder is carried into the next one. Operators should wear eye protection and keep the covers closed while the disc is turning.

OEM Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab, is the OEM (original equipment manufacturer) of this Pulveriser. It is assembled at the company's own licensed factor and impor handl Detai

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